



Limno-Tech, Inc.

Environmental Engineering

0003005

October 6, 1997

Mr. Brad Stimple
U.S. Environmental Protection Agency
Region V - Emergency Response Branch
77 W. Jackson Blvd., HSE-5J
Chicago, Illinois 60604

Re: Bryant Mill Pond, Kalamazoo, Michigan

Dear Mr. Stimple:

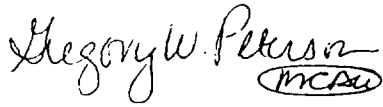
As per Scott Cornelius's request, we are forwarding the enclosed information to aid in your review of the Bryant Mill Pond in Kalamazoo, Michigan. The enclosed disk contains an Excel spreadsheet of the available daily average flows for Portage Creek, from the USGS flow gauge located at Reed Street. We have also attached a plot of the stream flow data for the period of record.

The following table shows the dimensions and remaining capacity of the HRDLs and FRDLs at the Allied Paper site. The location of the lagoons is shown on the attached figure. The remaining capacity represents the air space above the existing sludge to the top of the dikes. Additional capacity could be gained by recontouring or using the air space above the dikes.

Lagoon	Area (ft ²)	Average Dike Height Above Sludge (ft)	Volume of Remaining Capacity (yds ³)
1	12,174	8.1	3,652
2	54,978	5.75	11,708
3	51,836	7.5	14,524
4	70,686	7.7	20,260
5/6	592,190	4	87,731
Total			137,875

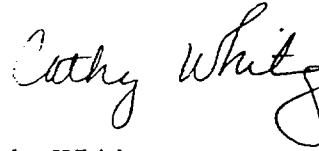
If you have any questions or require additional information please feel free to call either of us.

Sincerely,
LTI Environmental Engineering



Gregory W. Peterson
Vice President

Sincerely,
LTI Environmental Engineering



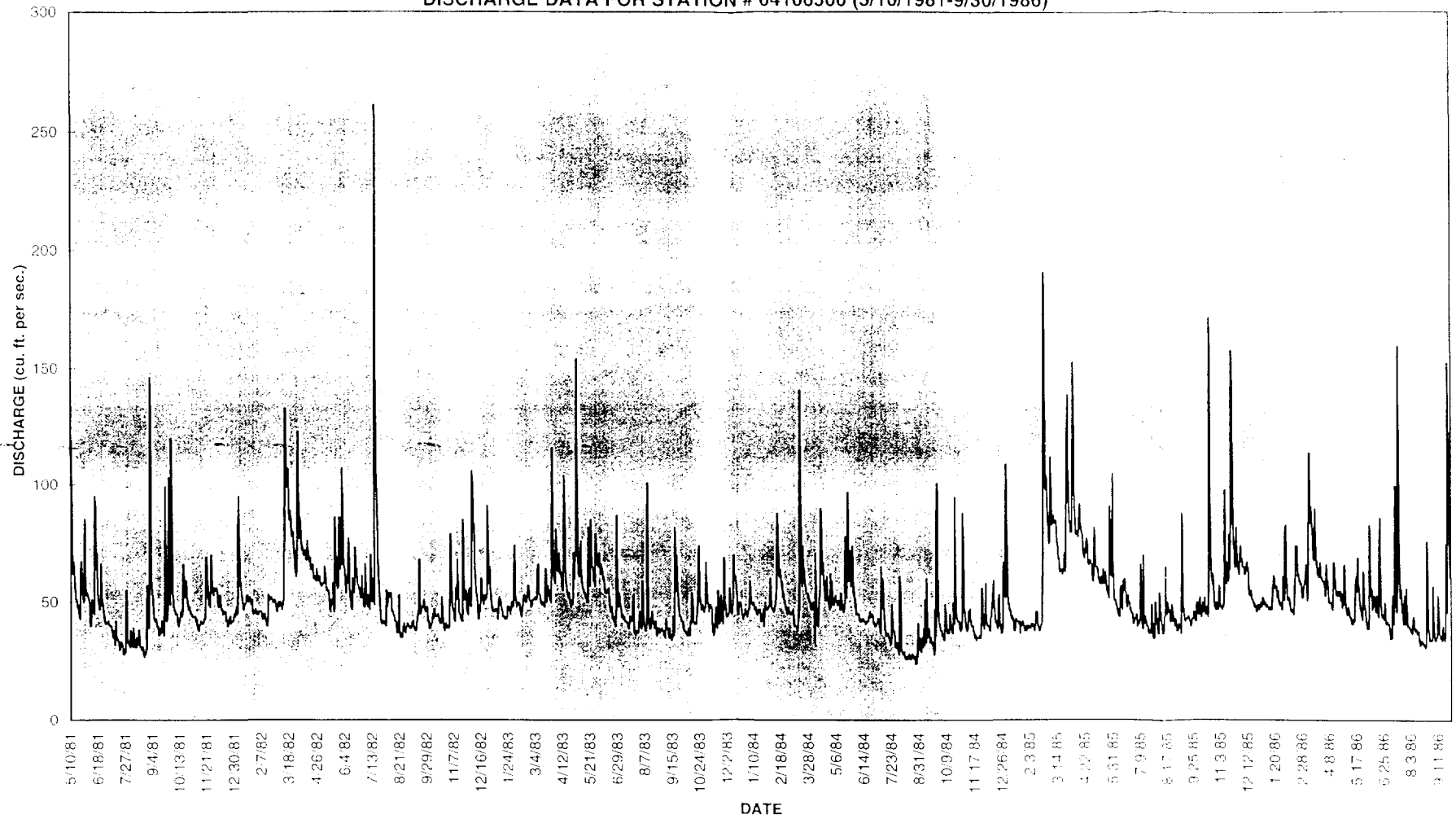
Cathy Whiting
Project Engineer

cc: Mark Brown
Scott Cornelius
Joyce Schlesinger

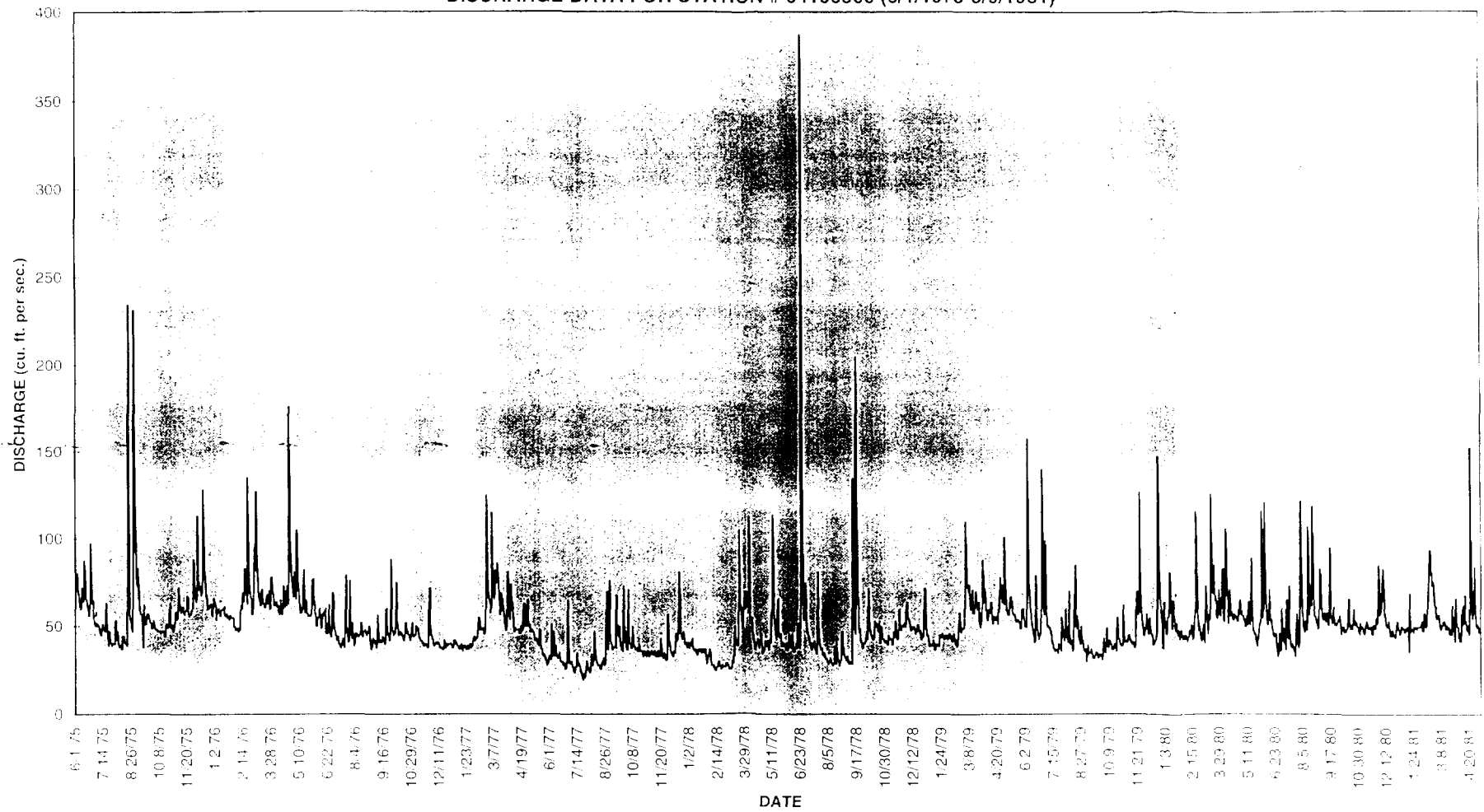
j:\jd7\ri_fs\volume.doc



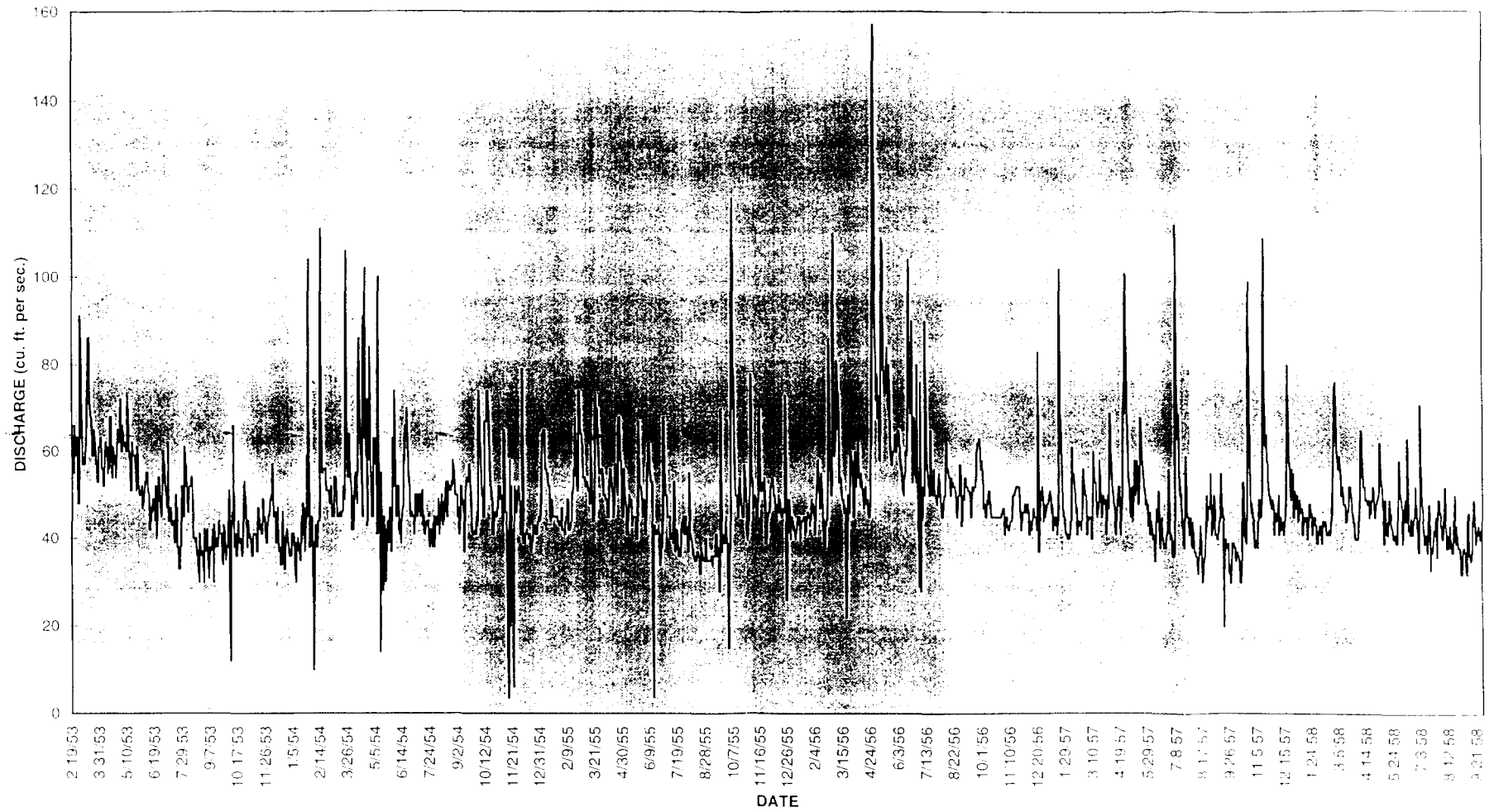
DISCHARGE DATA FOR STATION # 04106500 (5/10/1981-9/30/1986)



DISCHARGE DATA FOR STATION # 04106500 (6/1/1975-5/9/1981)



DISCHARGE DATA FOR STATION # 04106500 (2/19/1953-9/30/1958)



DISCHARGE DATA FOR STATION # 04106500 (10/1/1947-2/18/1953)

